

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

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CATEGORY: Control Unit (High-Rise)

LISTEE: Simplex, 100 Simplex Drive, Westminster, MA 01441-0001
Contact: Paul Mattern (978) 731-8542 *Fax (978) 731-8881

DESIGN: Models AUTOCALL DirecTone 500 fire alarm control unit and multi-channel audio evacuation system. System consists of three types of equipment panels, a Fire Command Station (FCS), an Audio System Panel (ASP), a Data Gathering Panel (DGP) and auxiliary equipment telephones. Local, auxiliary, remote station (protected premises) and central station service; manual and automatic, sprinkler supervisory and waterflow service. Style B, C, D, and E initiating device circuits and style Y and Z indicating appliance circuits. Refer to listee's data sheet for additional detailed product description and operational considerations. System components:

PN 976003	Backbox
PN 976050/51	Door Assembly
PN 976955	Backplate
PN 940500	MP Main Processor Module
DCPM	DC Power Module
IAM-800	Expansion Motherboard
IIB-800	Loop Expansion Board
MPIM	Multi-purpose Interface
CDB-501	Digital Dialer
CEB-500	City Box Module
CVB-500	Reverse Polarity Module
ARM-500	Auxiliary Relay Module
SRA-500	DACT Module
IAA-16/XIOM 16	Input Module
OAA-16/XIOM 16	Output Module
IAS-800	Expansion Bus Cable Converter Board
TLX-500	Line Interface Board
XAI	Interface Board
FLM	Fire Control Module
ODM	Operator Display Module
16, 40	Status Control Module
16, 40X2, 80	Indicator Module
CSM-500	Channel Select Module
IXM-500/OXM-500	CMA, RM, SDA Motherboard
OXA-501RM/503RM	Addressable Relay Module
IXA-502CMA	Contact Monitoring Module
OXA-500RM/502RM	Relay Module
PSM800	Power Supply
LPIM	Loop Driver
DCPM-LP	DC/DC Converter
ALXM-LP	Loop Expansion Board
MB-LP	Expansion Motherboard
OXA-501SDA	Signal Driver Module

APM500	Power Supply Monitor
MTM-500	Microphone/Telephone Matrix Module
MCM-500	Master Communication Module
FSC	Fireman's Telephone
ATM-500	Addressable Telephone Module
PN 7832-076	Transformer
PN 900960	Power Supply Monitor Board
RPS-424	Power Supply
PN 976128	Operator Display Module
PN 5290-005/-027	Signal Generator/Power Supply
DMM/PN 5200-476	Digital Message Module
PN 5290-018/-025	Amplifier
PN 4280-859	Fire Phone Jack Station
PN 976193	Telephone Handset
PN 900975	Addressable Telephone Module
OXA-502SDA	DC/Audio Signal Driver Module
OXM-501RM/SDA	Motherboard

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes & ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number, electrical rating and UL label.

APPROVAL: Listed as a high-rise fire alarm and emergency evacuation control unit system for use with separately listed compatible indicating and initiating devices. Authority having jurisdiction should be consulted prior to installation.

This control unit does not generate a temporal pattern signal. If the distinctive three-pulse Temporal Pattern Fire Alarm Evacuation Signal (for total evacuation) in accordance with NFPA 72, 1999 Edition is required, the control unit must be used with appliances that can generate the temporal pattern signal. Refer to manufacturer's Installation Manual for details.

NOTE: Formerly 7170-0062:168, 7170-1493:168

*Rev. 05-13-2003



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **JUNE 17, 2004**

*Listing Expires **June 30, 2005***

Authorized By: **DIANE K. AREND, Senior Deputy**
Program Manager